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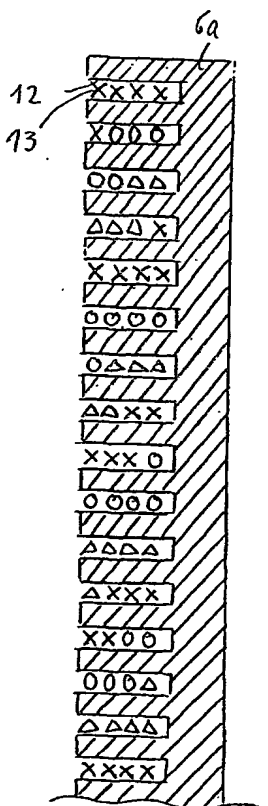
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(54) Title: WAVE POWER ASSEMBLY PROVIDED WITH AN ELECTROMAGNETIC DAMPING MEANS



(57) Abstract: The invention relates to a wave power assembly comprising a hull and a linear electric generator. The rotor is connected to the hull and the stator (6a) is arranged to be anchored at a sea/lake bottom. According to the invention, the generator is provided with an electromagnetic damping means in order to keep the pulsations of the axial force exerted by the stator (6a) on the rotor at a relatively low level, which damping means (12) comprises geometric arrangement adapted herefor of at least some one of the stator winding (12), the stator slots (13) and the rotor magnets. The invention also relates to a wave power plant built up from wave power assemblies according to the invention. Furthermore, the invention relates to a use of the wave power assembly and a method for generation of electric energy.

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